



South Coast Air Quality Management District

Phillips 66 Carson 2013 Rule 1118 Quarterly Flare Emissions

Emission Target (Includes the combined totals from the Carson and Wilmington facilities)

Emissions	Emissions (lbs)	
50,874	18,356.00	Phillips 66, Wilmington
	13,315.2	Phillips 66, Carson
	31,671.20	Total Combined Emissions

Quarter I (January 1, 2013 - March 31, 2013)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
East	12,526,613	99.2	1,578.30	118.3	620.7	4,353.70
West	2,343,588	21.4	279.6	25.4	136.7	1,545.70
Total	14,870,201	120.6	1,857.90	143.7	757.4	5,899.40

Quarter II (April 1, 2013 - June 30, 2013)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
East	12,301,375	90.6	1,560.60	85.7	429.7	15.3
West	2,250,070	17.9	285.5	17.6	90.3	276.9
Total	14,551,445	108.5	1,846.10	103.3	520	292.2

Quarter III (July 1, 2013 - September 30, 2013)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
East	12,869,652	102.3	1,617.30	128.5	678.6	4,356.00
West	2,770,140	29.6	303.4	41.3	229.6	2,453.00
Total	15,639,792	131.9	1,920.70	169.8	908.2	6,809.00

Quarter IV (October 1, 2013 - December 31, 2013)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
East	11,522,057	88.6	1,489.80	87.2	442.4	181.1
West	3,066,534	35.4	305.3	39.1	217.6	133.5
Total	14,588,591	124	1,795.10	126.3	660	314.6